

NASA TT F-55

National Aeronautics and Space Administration.
RESPONSE OF A HELICOPTER ROTOR TO AN IN-
CREASE IN COLLECTIVE PITCH FOR THE CASE
OF VERTICAL FLIGHT. (Réponse d'un rotor
d'hélicoptère à une augmentation du pas général dans
le cas du vol vertical.) Jean Rebont, Jacques
Valensi, and Jean Soulez-Larivière. January 1961.
20p. OTS price, \$0.50.

(NASA TECHNICAL TRANSLATION F-55. Transla-
tion from Technique et Science Aeronautiques, no. 3,
May-June 1959, p. 177-183 (France))

A theoretical analysis, considering unsteady effects,
shows that the response to collective pitch while in
descending flight is largely dependent upon the
rapidity of control application. Experimental tests
confirm the theoretical results.

Copies obtainable from NASA, Washington

- I. Rebont, Jean
- II. Valensi, Jacques
- III. Soulez-Larivière, Jean
- IV. NASA TT F-55
- V. Technique et Science
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(Initial NASA distribution:
3, Aircraft; 38, Propulsion
systems, air-jet.)

137 45

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Response of Rotor Lift to an Increase in
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Sci - Engr

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NIH 6-29-63

Sci - Biol/Med Sci

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WEur - France, Netherlands

Military - Quartermaster, food, administration

Nov 52 CTS/DEX

SAUR, Karl Otto

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(SF-2400)

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Econ - Wages

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Econ - Consumer Goods

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observed, 8 of which were eliminated at the outset
as renal tuberculosis was involved. In almost all
cases the infection was caused by *E. coli*, cases also
existing of combination of paracoli and *Proteus* orga-
nisms. The duration of treatment was 10 days on an
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